

Better lives through livestock

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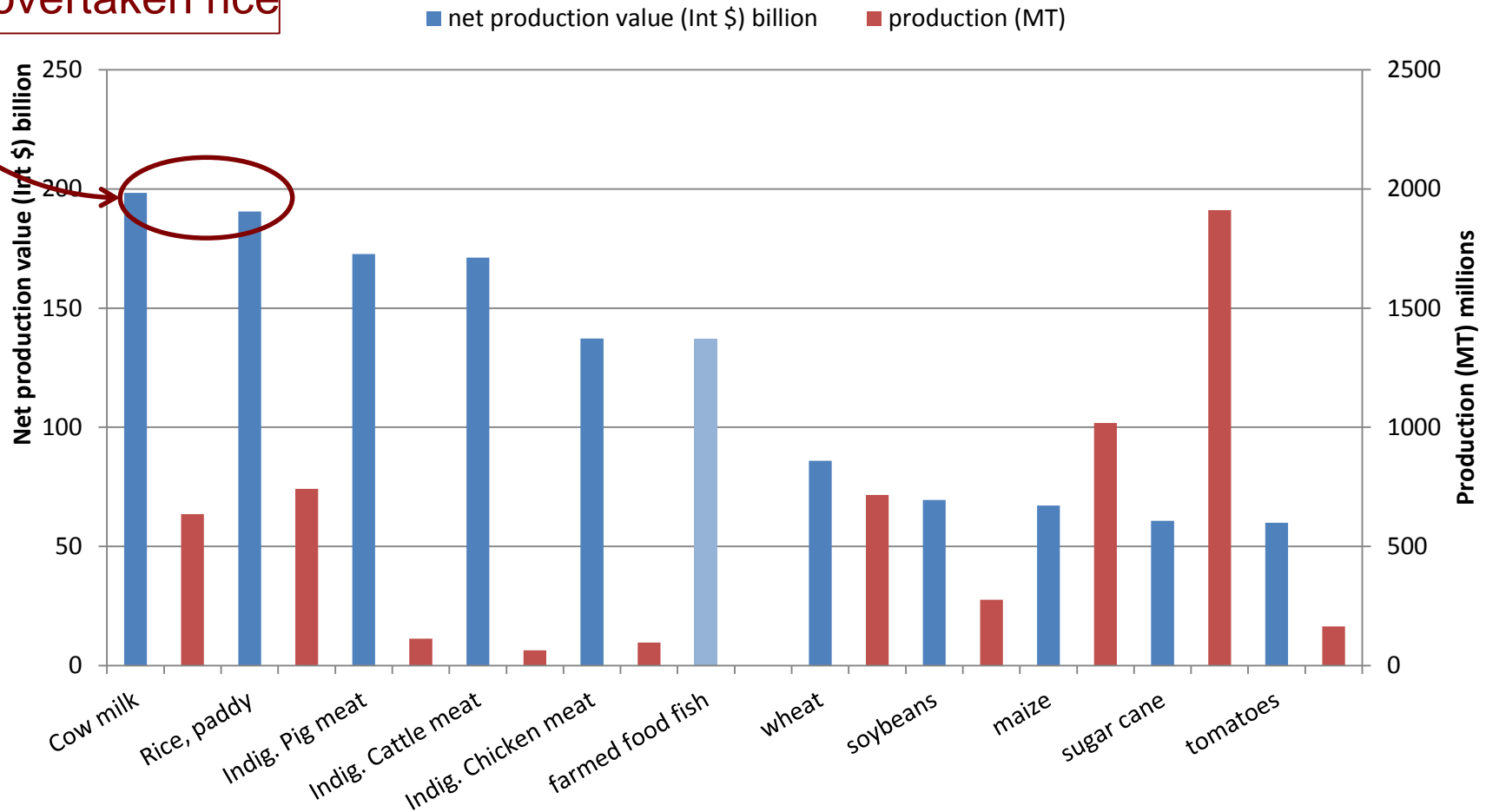
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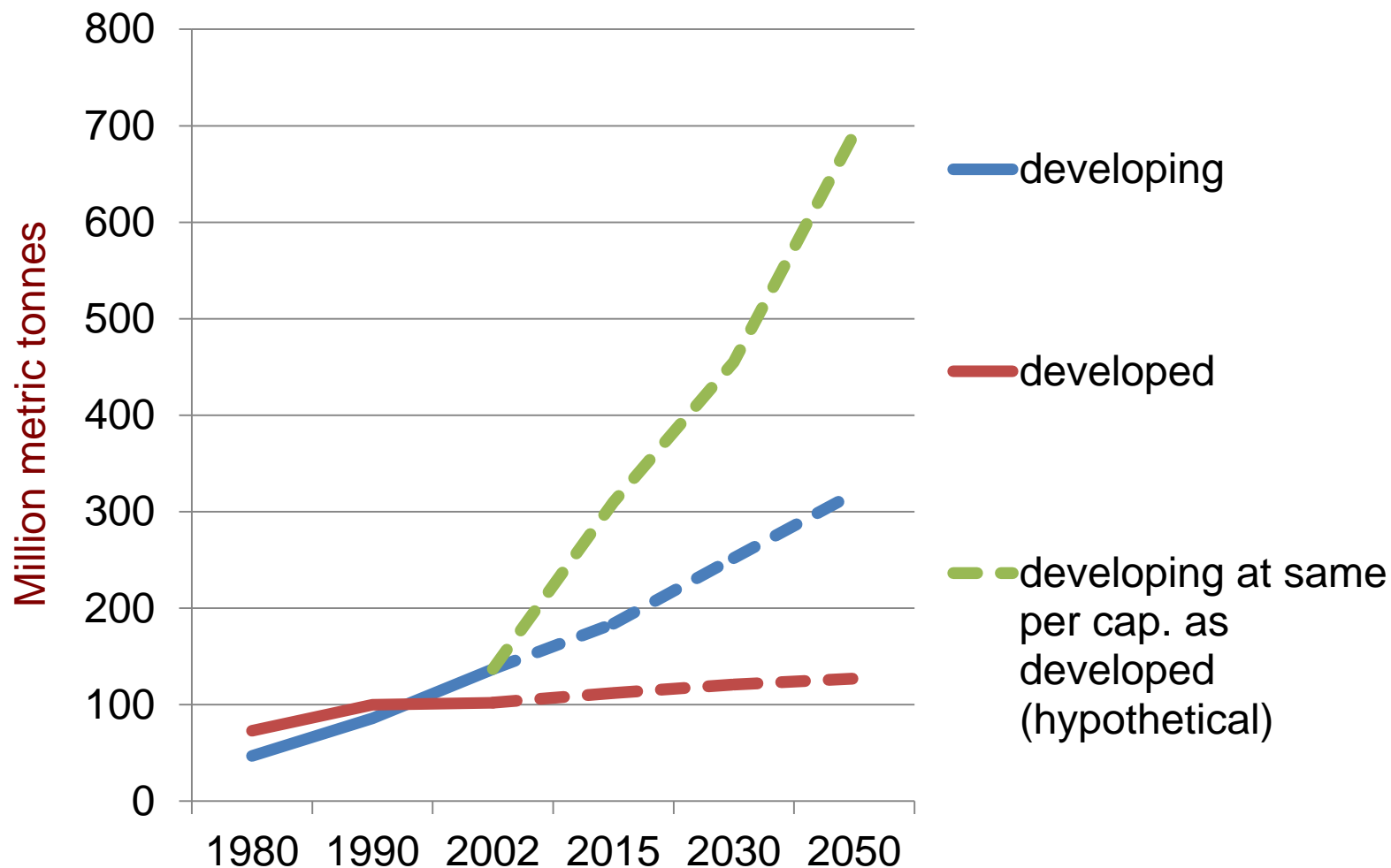
Animal source foods: 5 of 6 highest value global commodities

(total value of these four: US Int \$ 715 billion)

Cow milk has
overtaken rice



Gains in meat consumption in developing countries are outpacing those of developed



Africa's food import bill (2013): US \$ 44 billion
About one fifth is livestock (highest after cereals)

What's special about animal/smallholder food?

- 90% of animal products are produced and consumed in the same country or region
- Most are produced by smallholders
- Over 70% of livestock products are sold 'informally'
- Almost 1 billion rely on livestock for livelihoods
- 43% of the agricultural workforce is female





Livestock and inclusive, sustainable economic growth



Livestock and inclusive,
sustainable
economic growth

Livestock and equitable
livelihoods



SUSTAINABLE
DEVELOPMENT
GOALS



Livestock and inclusive,
sustainable
economic growth

Livestock and equitable
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Animal source foods for
nutrition and health

SUSTAINABLE
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Livestock and sustainable
ecosystems



SUSTAINABLE
DEVELOPMENT
GOALS

Livestock and inclusive, sustainable economic growth

Ethiopia livestock master plan
Roadmaps for growth and transformation



**Harnessing the
power of the
CGIAR to double
livestock
production
through
better feeds**



ECF causes \$300 million/year losses



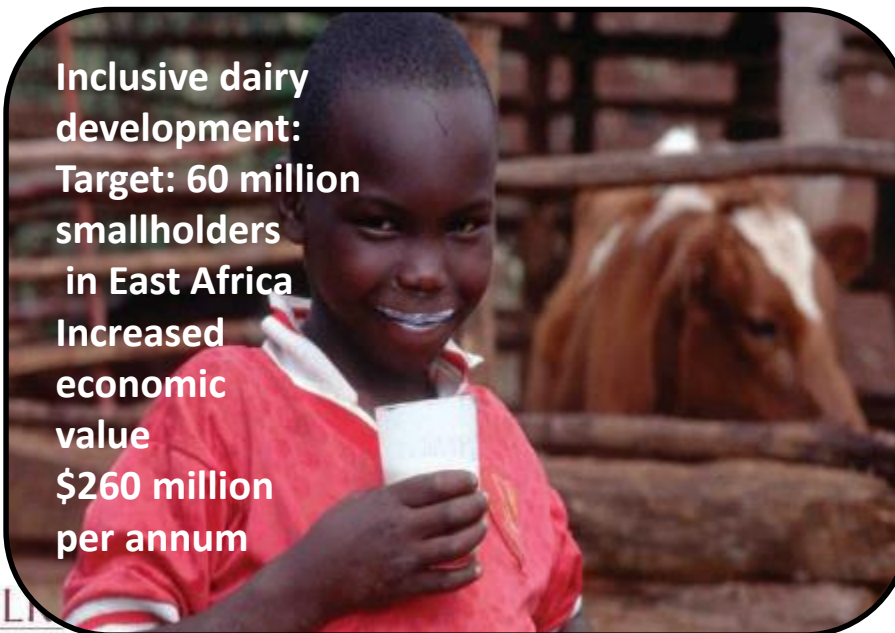
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- **Global livestock futures –regional and country master plans: Tanzania, Uganda, Kenya, Rwanda.....**
 - **New science for better productivity:**
 - **Feeds: gene mining for quality traits of food-feed crops and forages**
 - **New vaccinology**
 - **Genomics: delivery, tropical adaptation; conservation**
 - **Institutional and individual capacity strengthening**

**Women in livestock raising, processing,
trading – gender transformative approaches**



**Livestock and equitable
livelihoods**

**Inclusive dairy
development:
Target: 60 million
smallholders
in East Africa
Increased
economic
value
\$260 million
per annum**



**Insuring the never-before insured against
catastrophic drought in the Horn**



Beyond technology:

- **New models for one billion to be part of the livestock sector transformation; or to exit positively**
- **Women, men, young people part of new livestock business solutions**
- **Securing assets of the vulnerable**
- **Institutional and individual capacity strengthening**



5 million consumers
in Kenya and
1.5 in Assam are
benefiting from
safer milk



Worldwide livestock antimicrobial
consumption is expected to rise by 67%
between 2010 and 2030.

Animal source foods for
nutrition and health



New research: MERS in camels

- **Controlling zoonoses; preventing pandemics**

- **Managing Anti-Microbial Resistance**

- **Improving food safety in informal markets**

- **Enhancing the nutritional benefits of animal source foods**

- **Institutional and individual capacity strengthening**

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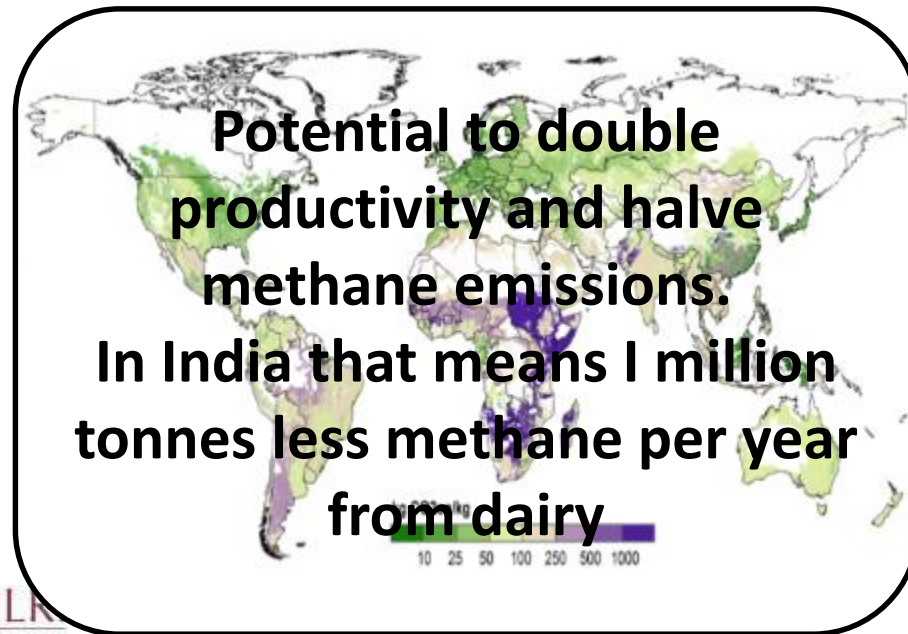
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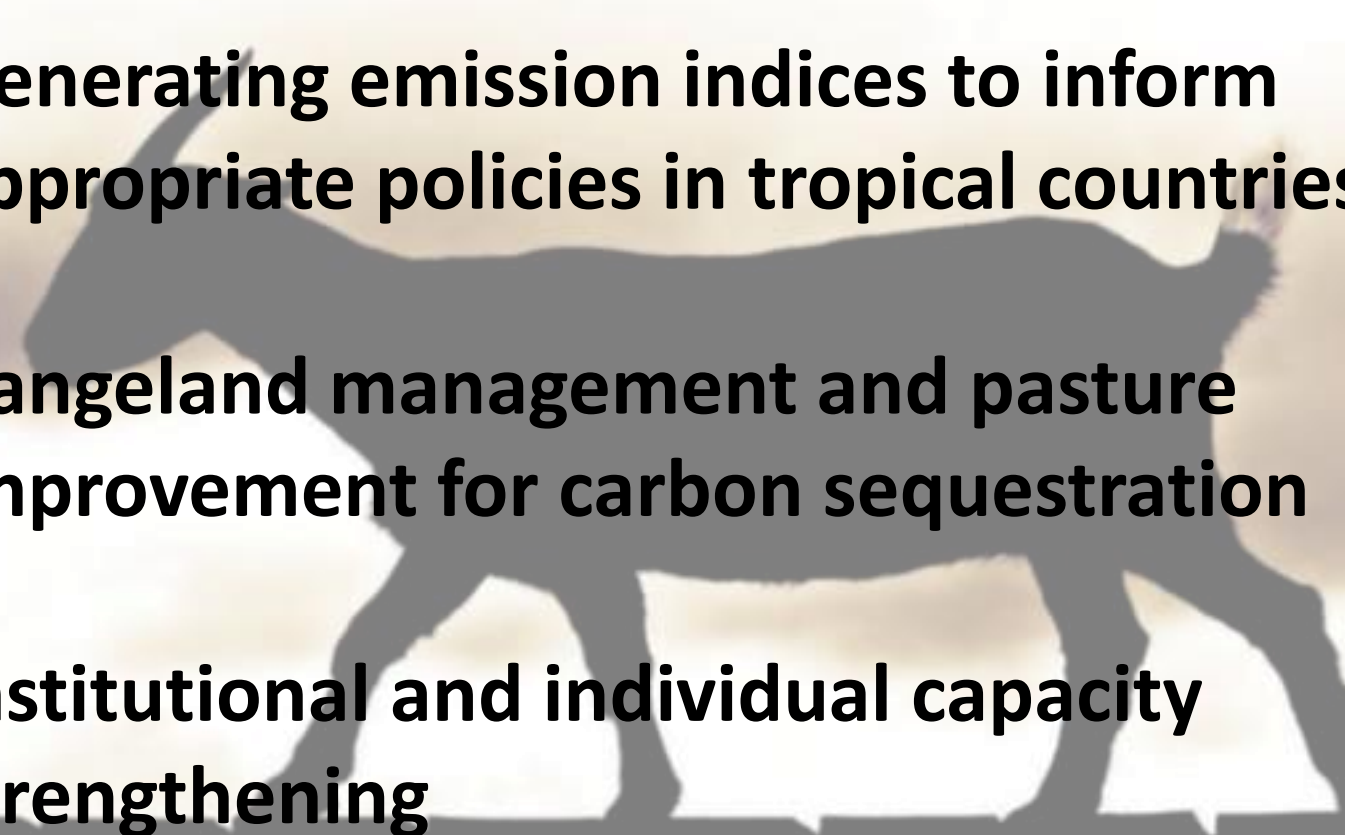
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Livestock and sustainable ecosystems

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- **Reduce the environmental footprint of livestock through improving productivity**
 - **Generating emission indices to inform appropriate policies in tropical countries**
 - **Rangeland management and pasture improvement for carbon sequestration**
 - **Institutional and individual capacity strengthening**



Reduced poverty

Improved food and
nutrition security for
health

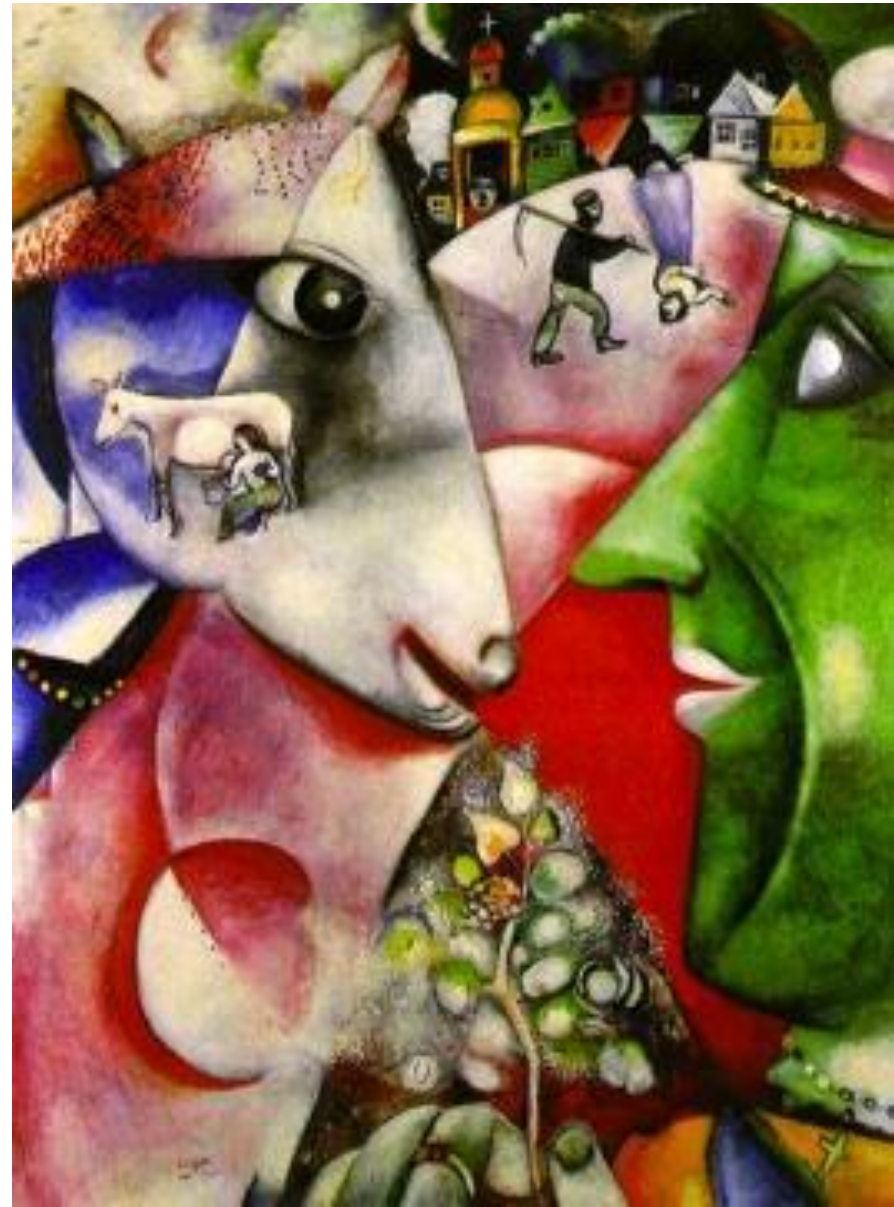
Improved natural resource
systems and ecosystem
services



THANK YOU

ILRI

INTERNATIONAL
LIVESTOCK RESEARCH
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better lives through livestock

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